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BOLLINGTON URBAN DISTRICT.

REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1894,

Read at a Meeting of the Bollington District Council, held on 7th February, 1895.

W. Stubbs, Printer, Market Place, Bollington.

To the Chairman and Members

OF THE

Bollington Urban District Council.

SIR AND GENTLEMEN,

In accordance with instructions from the Local Government Board, I again beg to submit to you my Annual Report upon the health of your District during the year ending December 31st, 1894.

This small Urban Sanitary District forms only part of the Township of Bollington, the remaining part (797 acres, and having a population of 1,432) till recently formed a portion of the Macclesfield Rural Sanitary District. At the census of 1871 the Bollington Local Board District, together with that of Bollington Cross and Kerridge combined, contained a population of 5,038, which in 1891 had risen to 5,335, an increase of only 297 in twenty years. The Local Board District itself showed a fair increase in the first ten years of that period, viz., from 3,666 in 1871 to 3,963 in 1881, but a decrease in the second decade, viz., from 3,963 in 1881 to 3,903 in 1891. Nor does it appear to have risen to any appreciable extent since then; which may therefore be taken as the population in 1894. The passing of the Parish Councils Act appeared to afford an opportunity for putting an end to this stagnation, and an attempt was made to induce the inhabitants of the Urban and Rural Districts of Bollington to agree to amalgamation for the better and more economical government of both, This, however, was unsuccessful, the rural portion preferring to set up a Parish Council of its own, though possessing neither drainage, water supply, nor lighting. It consists of twelve elected members, presided over by a non-elected chairman, and is called the Kerridge Parish Council. The rateable value of the undivided township of Bollington being about £15,500 would have made it possible to have carried out certain necessary improvements in a progessive manner which I fear neither will be able to effect single handed.

During 1894 the number of births registered in the Urban District was 109, and the number of deaths registered was 57, both numbers being exactly the same as those recorded in 1893. The general death-rate (14·6 per 1,000) was considerably below the mean rates of the last ten years, although the zymotic death rate was rather excessive. Seven deaths were certified as due to scarlatina, and one to erysipelas. There were also eight deaths from phthisis, seven from bronchitis or pneumonia, and four from heart disease, the other causes of death, including one from injuries, will be found on pages 6 and 7.

NOTIFICATION OF INFECTIOUS DISEASES.—No less than 69 cases of dangerous infectious diseases were notified to your Authority, viz., 59 scarlatina, 8 erysipelas, 1 typhoid fever, and 1 puerperal fever.

SCARLATINA.—Scarlet fever was present in the district from January to September, during which period 59 cases were reported, 35 in the eastern and 24 in the western portions. The first case, a mild one, occurred on the 19th January, 1894, in Queen-street, the next on the 12th February, in Park-street. Early in March, however, a number of fresh cases appeared, all, except one, being in the eastern part, till by the end of the month 18 cases had occurred, three of which ended fatally. The disease by this time having assumed an epidemic character, and there being no isolation hospital in or near the district, and being especially rife amongst school children, it was thought best to close the elementary schools for a month. This had evidently a beneficial effect in checking its spread, as there was only one case during the whole of April But it was unfortunately only a brief respite, and came to an end on the 27th May, between which date and June 7th no less than 12 new cases were notified, all of which occurred in the western part of the district. Referring to this renewed outbreak of scarlet fever on June 5th, 1894, I reported to your Authority in these words : "The source of infection would seem to have been in that portion of Bollington Cross which is in the Rural Sanitary District of the Macclesfield Union. It is very unfortunate that an invasion of this nature should take place from a part of the township of Bollington over which the Board has no control, at a time, too, when the rest of the District is becoming free from the disease, and affords a striking example of the urgent necessity that exists for placing the whole township under one Sanitary Authority." Further cases of this disease appeared from time to time in different parts of the district until the 18th of September. During this epidemic I again felt the need of an apparatus for disinfecting bedding, &c., although the Sanitary Inspector distributed disinfectants liberally in all cases, and otherwise carried out my instructions with regard to fumigation, &c.

ERYSIPELAS.—Eight cases were reported, and there was one death, that of an infant at Lower Houses ; another non-fatal case of an infant occurred in a house in Princess-street, where there had been scarlet fever. In several cases where erysipelas occurred, inclusive of the above, the premises were found, on inspection, to be in an insanitary condition. Disinfectants were supplied in every case.

ENTERIC OR TYPHOID FEVER.—One case only reported in Henshall Road. The source of infection could not be traced, but the premises were found to be badly drained. The patient recovered.

PUERPERAL FEVER.—One case only reported in Palmerston-street. The patient, who had had twins, recovered after a long and dangerous illness.

SMALLPOX.—An outbreak of this disease, of a modified type, took place in a semi-detached house at Cow Lane, Kerridge, Bollington, just outside the Urban District, in July. As several of the inmates left the house in question, in order to escape infection, and took

refuge in Park-street, which is situated in the Urban District, and fearing lest these might have come in contact with the disease, or in some other way should become the medium for its extension, I at once took steps to have them re-vaccinated and the family carefully watched. In this way the disease was kept out of the Urban District entirely, though it continued for some time in Cow Lane. A special report was made concerning this outbreak at the time, and referred to the Local Government Board.

INQUESTS.—Two inquests were held, first, that of an old woman whose death was said to be due to accidental injury, the other being that of a woman, mother of a large family, whose death took place soon after childbirth, having had no medical attendance, was certified as due to exhaustion.

HOSPITAL ACCOMODATION.—During the late epidemic of scarlet fever there were many patients who could not be properly housed and isolated at home, where they remained as sources of infection to their families and neighbours. If there had been an infectious diseases hospital near at hand to which they might have been sent, I believe that the outbreak would have been materially lessened, and perhaps some lives saved. I have already intimated that the Urban District is liable to be fed by zyomtic diseases imported from the Kerridge District. I would suggest therefore that the proper course would be to construct a Joint Hospital for the use of patients drawn from both Kerridge and Bollington. I look upon this as a matter of urgency, which would be far better undertaken at a time like the present, when zymotic disease is absent, than if done hurriedly in a period of panic. The council will perhaps remember that on the 4th of January of last year, Mr. Leighton, who was then a member of the Local Board, spoke very strongly in favour of an isolation hospital ; other members, including Mr. A. J. King, have also advocated the same thing. Indeed it is now generally considered that notification is not of much use without one.

I am, Gentlemen,

Your obedient servant,

JAMES ALLEN, M.R.C.S., L.R.C.P., L.S.A., L.M., &c.

Bollington,

24th January, 1895.

MORTALITY.

From the 14th December, 1893, to 5th December, 1894, the Total Number of Deaths in the District from all causes in the Homes of the People was 57.

DEATH RATE.

According to the Population at the Census of April 1st, 1891 (3,903), 57 Deaths would give a rate per 1,000 of 14·6.

DETAILS OF DEATH.

No.	Date. 1893-4.	Residence.	Sex.	Age.	Occupation.	Cause of Death.
1.	Dec. 30	E. Shrigley-road	M	1 day	F Cotton operative	Debility from birth.
2.	Jan. 1	W. Adlington-road	M	46 years	Cotton operative	Pneumonia.
3.	7	E. Market Place	F	2 months	F Cotton operative	Convulsions.
4.	8	W. Adlington-road	M	72 years	Cotton operative	Cancer of mouth.
5.	14	W. Adlington-road	M	88 years	Silk weaver	Senile decay.
6.	15	E. Shrigley-road	F	74 years	Widow	Heart disease.
7.	Feb. 20	E. Church-street	M	84 years	Railway servant	Senile decay.
8.	Mar. 4	E. Shrigley-road	M	53 years	Naval Pensioner	Valvular disease of heart.
9.	5	W. Waterhouse	M	27 years	Cotton spinner	Malignant scarlet fever.
10.	7	W. Police Station	F	51 years	H Police sergeant	Cancer of cervical gland.
11.	9	E. Water-street	F	2 years	F Cotton spinner (operative)	Scarlet fever.
12.	9	E. Lord-street	M	7 years	F Brewer	Malignant scarlet fever.
13.	12	W. Adlington-road	M	78 years	Cotton operative	Senile decay.
14.	12	E. Cockshead Hey Farm	M	77 years	Cattle dealer	Senile decay.
15.	16	E. Beeston Mount	F	5 years	F Labourer	Tuberculosis.
16.	17	E. Lord-street	M	5 months	F Brewer	Infantile convulsions.
17.	28	W. 12, Lower houses	F	79 years	Widow	Senile decay.
18.	Apl. 1	W. Grimshaw-lane	M	51 years	Engine driver (factory)	Phthisis.
19.	3	E. Ingersley-road	F	39 years	H Calico finisher	Cerebral anæmia.
20.	14	E. Shrigley-road	F	38 years	H Farmer	Chronic rheumatism.
21.	22	E Ingersley-road	M	79 years	Mill manager	Senile decay.
22.	24	E. Lord-street	F	66 years	H Carter	Fracture of skull (inquest).
23.	May 1	W. Adlington-road	M	19 years	Cotton operative	Phthisis.
24.	1	E. Water-street	M	10 days	F Farmer	Convulsions.
25.	4	W. Princess-street	F	78 years	Widow	Senile decay.
26.	7	E. Ingersley-road	F	73 years	Widow	Cancer of mouth.

DETAILS OF DEATH.—Continued.

No.	Date. 1894.	Residence.	Sex.	Age.	Occupation.	Cause of Death.
27.	May 23...	E ..Vine-street.....	M	11 months...	F Cotton operative	Bronchitis.
28.	26...	E...Beeston-brow.....	M	4 months...	F Cotton operative	Marasmus.
29.	29...	W...19, Lower houses	F	67 years	Widow	Asthma—Chronic bronchitis.
30.	31. .	W...Wellington-road.....	F	40 years.....	H Cotton operative	Childbirth (inquest).
31.	June 2...	E...Silver-street	F	5 months...	F Factory hand	Infantile convulsions.
32.	5...	E...Church-street	F	53 years... ..	Spinster.....	Bronchitis.
33.	14...	W...Adlington road	F	76 years	Widow	Chronic bronchitis.
34.	14...	E...Ingersley-road	M	9 months...	F Labourer	Tabes mesenterica.
35.	15...	E...High-street	F	16 years.....	Paper mill hand	Phthisis.
36.	23...	W...Princess-street	M	3 years.....	F Cotton operative	Scarlet fever.
37.	25...	E...Water-street	M	76 years.....	Blacksmith	Cerebral hæmorrhage.
38.	26...	E ..Church-street...	M	88 years.....	Labourer	Senile decay.
39.	29...	E...Palmerston-street	M	3 hours ...	F Cotton operative	Debility from birth.
40.	29...	E.. Palmerston-street	M	3 hours ..	F Cotton operative	Debility from birth.
41.	30...	E...High-street	F	10 years.....	F Cotton weaver	Scarlet fever.
42.	Aug. 2...	E ..High-street	M	8 months ..	F Labourer	Tubercular peritonitis.
43.	2...	E...Water-street	M	4 months ...	F Stonemason	Debility from birth.
44.	14...	E...Lord-street...	M	11 years	F Cotton operative	Scarlet fever.
45.	16...	W...27, Lower houses	F	75 years.. ...	Widow	Senile decay.
46.	18...	E...Lord-street	F	4 years.....	F Cotton operative	Scarlet fever.
47.	Sept. 1...	E...Church-street.....	M	60 years... .	Beerseller and farmer	Phthisis.
48.	21...	W...Lower houses	F	5 months...	F Stonemason	Erysipelas.
49.	Oct. 9...	E...High-street	F	70 years... ..	Widow	Heart disease.
50.	10...	E...Lord-street	F	5 hours.....	F Labourer	Debility from birth.
51.	17...	E...Shrigley-road	F	20 years.....	Cotton operative	Phthisis.
52.	17...	E ..Turner's arms...	F	59 years.. ...	H Innkeeper	Heart disease.
53.	21...	W...Round gardens	F	49 years.....	H Hatter	Apoplexy.
54.	Nov. 10...	E...High-street	F	11 months...	F Shoemaker	Tuberculosis.
55.	13..	E...Church-street	F	66 years.....	Cotton operative	Chronic gastritis.
56.	29...	E.. Foundry-street	F	2 years.....	F Cotton operative	Pneumonia.
57.	Dec. 5...	E...Palmerston-street	F	2 years.. ...	F Cab proprietor	Pneumonia.

Total number of Deaths registered in 1894, 57, viz.: 27 Males and 30 Females.

The Population at middle of 1894, owing to removals, not having increased appreciably, the rate would be the same, viz., 14·6 per 1,000.

A TABLE OF DEATHS during the Year 1894, in the BOLLINGTON URBAN DISTRICT, classified according to DISEASES, AGES, and LOCALITIES.

NAMES OF LOCALITIES adopted for the purpose of these Statistics.	MORTALITY FROM ALL CAUSES, AT SUBJOINED AGES.							MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.								Total.
	At all Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.		Scarlatina.	Erysipelas.	Phthisis.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Injuries.	All other Diseases.	
BOLLINGTON EAST, or that portion situated on the East of the Canal and Aqueduct	40	14	4	4	2	6	10	Under 5	2	...	...	3	...	...	13	18
								5 upwards.	3	...	3	1	4	1	10	22
BOLLINGTON WEST, or that portion being on West of the Canal and Aqueduct	17	1	1	0	1	6	8	Under 5	1	1	...	...	...	...	...	2
								5 upwards	1	...	2	3	...	...	9	15
Totals	57	15	5	4	3	12	18	Under 5	3	1	..	3	...	...	13	20
								5 upwards.	4	...	5	4	4	1	19	37

B TABLE OF POPULATION, BIRTHS, and of NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health during the year 1894, in the BOLLINGTON URBAN DISTRICT, classified according to DISEASES, AGES, and LOCALITIES.

NAMES OF LOCALITIES adopted for the purpose of these Statistics.	Population at all Ages.		Registered Births in Both Localities Combined.		New Cases of Sickness in each Locality coming to the knowledge of the Medical Officer of Health.			
	Census, 1891.	Estimated to middle of 1894.			Scarlatina.	Enteric or Typhoid.	Puerperal.	Erysipelas.
BOLLINGTON EAST, or that portion situated on the East of the Canal and Aqueduct	2764	2764	109	Under 5	13	...	...	...
				5 upwards.	22	...	1	6
BOLLINGTON WEST, or that part being on the West of the Canal and and Aqueduct	1139	1139		Under 5	11	...	...	1
				5 upwards.	13	1	..	1
Totals	3903	3903	109	Under 5	24	...	..	1
				5 upwards.	35	1	1	7

"Notification of Infectious Disease" has been Compulsory in the District since January, 1890.
The District has no Isolation Hospital.

C TABLE SHOWING the NUMBER of DEATHS from the Principal ZYMOTIC DISEASES, and their proportion to other Diseases, in 10 years (from 1885 to 1894 inclusive).

DISEASES.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	Total in 10 years.
Measles	..	...	...	1	...	5	...	...	...	...	6
Scarlatina	..	...	1	2	1	...	...	..	1	7	12
Diphtheria	...	...	...	...	...	...	..	..	...	...	0
Croup	...	...	...	..	...	...	1	...	...	...	1
Whooping-Cough	4	...	...	...	2	...	...	4	..	...	10
Typhus	..	..	..	..	...	...	...	...	..	...	0
Enteric or Typhoid	1	1	...	...	1	...	..	..	...	...	3
Other or Doubtful	...	...	...	..	...	...	..	...	...	...	0
Diarrhœa and Dysentery	...	2	4	3	3	2	...	2	...	..	16
Smallpox	...	...	..	...	...	...	...	..	..	...	0
Eyrsipelas	1	...	...	...	...	1	1	...	...	1	4
Puerperal fever	...	...	.	..	...	...	...	1	...	...	1
Total Zymotic Diseases	6	3	5	6	7	8	2	7	1	8	53
Total other Diseases	60	70	47	65	60	77	60	67	56	49	611
Total from all Diseases	66	73	52	71	67	85	62	74	57	57	664

To the Urban District Councillors.

Bollington, Feb. 4th, 1895.

MR. CHAIRMAN AND GENTLEMEN,

During the year 1894 I have carefully examined 35 lots of property, representing a large number of dwellings, where the sanitary arrangements were found to be more or less defective. These were reported upon at the time to your authority, and in some instances, especially where sickness existed, I served notices to the owners for the immediate removal of all nuisances which were likely to be injurious to the health of the inmates. They consisted for the most part of defective drains, slopstone pipes connected with drains, defective closets, wet ashpits or privy middens, yards unpaved or badly flagged, and accumulations of rubbish, &c. The majority of these have been remedied, buildings improved or repaired, and other nuisances abated.

I have supervised the emptying of ashpits and removal of excreta. The number of loads taken away during the year by farmers was 602, and by Mr. William Challener 43.

I have inspected the dairies and milk shops, and at one of the former, situated in Long-lane, there is no proper drainage or yard paving, and the shippons are in a bad state. I have examined the slaughter-houses and found them fairly good; they are still unlicensed. I have personally disinfected with sulphur fumes, by direction of your Medical Officer, 39 houses where there had been infectious diseases, having previously distributed disinfectants freely in all such cases.

I remain, gentlemen,

Your obedient servant,

THOMAS ALLEN,

Nuisance Inspector.